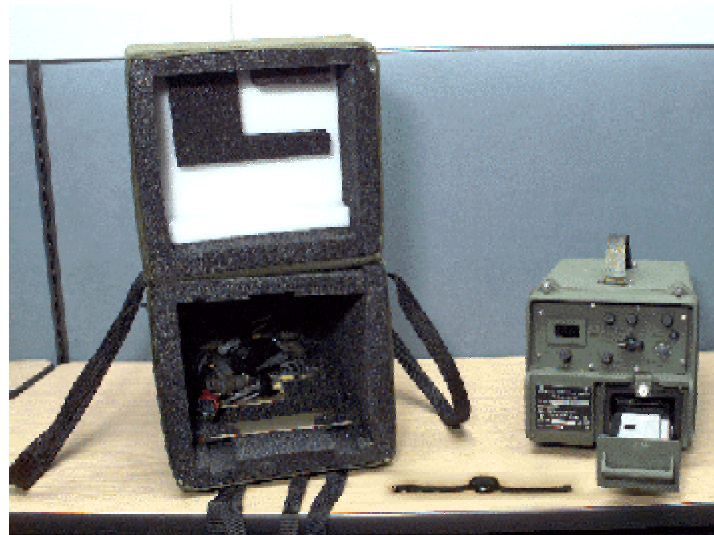




Radiac Set AN/PDR-75

Description: The Radiac Set AN/PDR-75 provides the capability to monitor and record the exposure of individual personnel to gamma and neutron radiation. It measures total neutron and gamma dose from 0 to 1000cGy; responds to and measures prompt radiation from nuclear bursts; will be used to calculate unit radiation status; and will be used for medical triage and for unit reconstitution.

Mission: Detect and measure nuclear radiation from fallout and nuclear detonations for individual soldiers.



User: U.S. Army and U.S. Marine Corps.

Capabilities:

- Measures prompt neutron and gamma dose
- Measures fallout gamma dose
- Measures total dose from 0-1000cGy

Improvements over existing systems:

- New capability
- First capability to measure individual's total dose
- More accurate estimate of unit's exposure status



For additional information, please contact Program Director-Detection, ATTN: AMSSB-PM-RNN-D, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pd.detection@sbccom.apgea.army.mil), by telephone at (410) 436-3526 or DSN 584-3526, or by fax to (410) 436-8929.